

TABLE I. DEVICE PARAMETERS 1/

JPL PART # ST12133-	MFG.	MFG PART #	PACKAGE STYLE	DETAIL SCREENING TESTS	ELECTRICAL CHARACTERISTICS & GROUP A TESTS	RADIATION (TID) LEVEL RAD(Si)
Q05250SR	SOD	2N5250	T0-114 (STUD) 2/	MIL-S- 19500/380	MIL-S-19500/380 (TABLE I)	100k 3/

NOTES:

1/ This drawing, in conjunction with CS515581, imposes all requirements for procurement of these devices.

2/ Device physical dimensions shall conform to MIL-S-19500/380, Figure 1.

**3/ Sufficient radiation tolerance to this TID level is guaranteed by design for this device.
(See CS515581, Paragraph 4.7.7).**

4. This standard takes precedence over documents referenced herein.

RELEASED THRU SECTION 356 DATA MANAGEMENT:			DATE:			
REVISION: B			APPROVED BY:			
DATE:			DATE:			
APPROVED SOURCE(S)			THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.			
VENDOR PART NO	VENDOR	JPL PART NO				
JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY						CAGE NO 23835
Procurement specification: CS515581 Screening specification: ZPP-2073-GEN		TITLE: TRANSISTOR, SILICON, NPN POWER, 200W at T_c=100°C				DETAIL SPECIFICATION
Custodian: Electronic Parts Reliability Section 514						ST 12133
						SHEET 1 OF 1

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